

SSES Report Sample for a Small Collection System – Plan A

This sample is supplied, as a guide to the nature of report desired in order to meet the requirements for providing an SSES for your property/facility. Since each system is different, it is by nature only an approximation of the report you must supply. In many cases, it will be possible for you to follow the same outline as the sample, while substituting the particulars of your system. Sample reports are provided for two types of systems. **This sample reflects the level of thoroughness and clarity expected in the submittals. They should be reviewed carefully by whoever prepares the SSES for your facility**

1.0 Facility Name and Location

Acme Tool and Widgeit
5522 SE Miami Drive

2.0 System Description:

This system includes a wet well type pump station, with two, five-horsepower submersible pumps, a run of four-inch force main, and a gravity collection system. The gravity collection system has 570 feet of 8-inch gravity main, with three manholes. There are eight cleanouts on the laterals to this main.

Pipe Length (Ft)	Pipe Diameter (in)	Material
230	8	CLAY
340	8	CIP

3.0 Evaluation Survey Information:

Underground Investigations Engineers, Inc conducted the sanitary sewer evaluation survey for this facility on May 14-19, 1999. Repair work was done on the system on May 22, 1999. The system was re-tested on May 29, 1999.

4.0 Visual Inspection of System:

MR. W. E. Coyote of U.I.E carried out the visual inspection of the system on May 14, 1999. The number one manhole, about twenty feet west of the pump station, was in satisfactory condition. There was normal flow through the manhole, and physical condition was satisfactory. The invert of the manhole was 9.2 feet below grade.

Inspection of the number two manhole showed that there was an uncapped opening leading to the south. This opening is allowing infiltration of groundwater into the manhole. Flow through the manhole is normal. The physical condition of the manhole and cover is satisfactory. The invert elevation of the manhole is 6.7 feet.

Manhole number three was found to be in satisfactory condition. This is the terminal manhole for this system. There is no flow through this manhole. Invert elevation of the number three manhole is 4.1 feet below grade.

Visual examination of the rest of the system found seven cleanouts in laterals leading to the main. All of these laterals were properly capped.

5.0 Smoke Test:

The gravity collection system was smoke tested on May 19, 1999. DERM was notified of the test on May 14, but elected not to attend. A 10,000 cubic foot smoke charge was set off in the wet well of the pump station and an Acme model AIR-100 blower was used to force the smoke into the system. Smoke was observed coming from the ground near the southeast corner of building C. After investigation, it was found that there was a previously unknown clean-out at this location. No other problems were located during the smoke testing.

6.0 System Repairs:

The unsealed opening in manhole number two was cemented closed. A new cover and lid were installed on the incomplete clean-out.

7.0 Re-testing:

A second smoke testing was carried out on May 29, 1999, was following the same procedures as the first test. DERM was notified on May 25 and sent an inspector to monitor the test. No problems were discovered as a result of the second smoke test. This system is now determined to be in satisfactory condition for the duration of this evaluation cycle.

8.0 Survey Conclusion / Final Status

The results of the survey showed that the facility is in compliance with the regulations under chapter 24 of the Miami-Dade Code.

Insert / Attach Sewer Collection System Drawing here. For sample see Drawing “A” at the end of this package.

Signed

President, Underground Investigations Engineers, Inc.

Note:

This sample SSES is correct only for the imaginary facility that it describes. Since your facility is different, **Your SSES Will be Different**. Please note also that you are required to notify DERM at least three working days in advance of all flow measurement and smoke testing, in order that DERM may monitor these tests, if desired. **Failure to provide this**

advance notification of the tests may result in non-acceptance of the tests, requiring that they be conducted again at additional expense.

Drawing “ A “

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